

Chemistry	Group-I	Paper-II
Time: 15 Minutes	(Objective Type)	Marks: 12

**Note:** Four possible answers A, B, C and D to each question are given. The choice which you think is correct, fill that circle in front of that question with Marker or Pen ink in the answer-book. Cutting or filling two or more circles will result in zero mark in that question.

- 1-1- **Reaction between acid and base forms:**  
(a) Salt and water ✓ (b) Salt and gas  
(c) Salt and acid (d) Salt and base
- 2- **Alkenes are prepared from alcohols by a process called:**  
(a) Dehydrogenation  
(b) Dehalogenation  
(c) Dehydration ✓  
(d) Dehydrohalogenation
- 3- **Main component of natural gas is:**  
(a) Methane ✓ (b) Propane  
(c) Butane (d) Propyne
- 4- **Thousands of amino acids polymerize to form:**  
(a) Carbohydrates (b) Proteins ✓  
(c) Lipids (d) Vitamins
- 5- **If any liquid has pH = 7, it will be:**  
(a) Colourless and odourless  
(b) Boil at 100°C and freeze at 0°C  
(c) Neutral ✓  
(d) Aqueous solution
- 6- **Which one of the following is fat-soluble vitamin:**  
(a) A (b) E  
(c) K (d) All of these ✓



- 7- A complete reaction is in which:
- (a) All the reactants convert into products ✓
  - (b) All the reactants do not convert into products
  - (c) Half reactants convert into products
  - (d) Only 10% reactants convert into products
- 8- Matte is a mixture of:
- (a) FeS and CuO
  - (b)  $\text{Cu}_2\text{O}$  and FeO
  - (c)  $\text{Cu}_2\text{S}$  and FeS ✓
  - (d)  $\text{Cu}_2\text{S}$  and FeO
- 9- Such reactions which continue in both directions are called:
- (a) Irreversible
  - (b) Reversible ✓
  - (c) Non-reactive
  - (d) Dynamic
- 10- Which one of the following diseases causes liver inflammation:
- (a) Typhoid
  - (b) Jaundice
  - (c) Cholera
  - (d) Hepatitis ✓
- 11- Depending upon temperature variation, atmosphere is divided into how many regions:
- (a) 1
  - (b) 2
  - (c) 3
  - (d) 4 ✓
- 12- Permanent hardness is removed by adding:
- (a) Sodium zeolite ✓
  - (b) Soda lime
  - (c) Lime water
  - (d) Quick lime